

***NATIONAL WEATHER SERVICE
PRODUCT/SERVICE DESCRIPTION DOCUMENT (PDD)
TYPE: Official Product
DATE: June 04, 2003***

COASTAL/LAKESHORE FLOOD STATEMENT/WATCH/WARNING

Part 1 - Mission Connection

1. Product/Service Description:

The Coastal/Lakeshore Flood Statement and Coastal Flood Watches and Warnings (CFW) are alphanumeric products alerting the public of significant coastal/lakeshore flooding events. The products are issued by National Weather Service Offices (WFOs) with coastal and lakeshore waters marine responsibility. Each WFO having marine responsibility will coordinate closely with adjacent WFOs and, when appropriate, the responsible River Forecast Center (RFC).

2. Purpose/Intended Use:

The products are event-driven and are updated as necessary to alert the public and coastal communities of inundation of water and beach erosion. The product is intended to provide information to assist in the protection of life and property, and minimizing the economic losses as a result of coastal flooding events.

3. Audience:

The target audience for this product are the general public, and specifically the coastal communities that are especially susceptible to coastal flooding and beach erosion.

4. Presentation Format:

The product is made available in alphanumeric format and is prepared in a consistent manner from WFOs with coastal or lakeshore marine responsibility.

5. Feedback Method:

Continuous feedback is available via an internet page e-mail link to the program managers in the Marine and Coastal Weather Services. Feedback on this product is obtained at Focus Group meetings and Customer Surveys.

Technical and policy questions, and comments for the CFW may be addressed to:

National Weather Service
Attn: Brian LaMarre W/OS21
Marine Program Manager
1325 East-West Highway, Room 13118
Silver Spring, MD 21910-3285

or e-mail questions and comments to: Brian.Lamarre@noaa.gov.

Part 2 - Technical

1. **Format and Science Basis:**

The CFW product is disseminated in alphanumeric format and contains a headline and text containing information such as expected water levels and general terms regarding beach erosion. The product may also describe routine hazardous marine events and includes watches, warnings and advisories for significant weather. The product is written in a standard and concise format.

Coordination with neighboring WFOs and the NWS national centers with marine and tropical responsibility such as the Ocean Prediction Center, the Tropical Prediction Center, the Central Pacific Hurricane Center, the Storm Prediction Center, and the Hydrometeorological Prediction Center is done by the issuing office to ensure the products are consistent and compatible.

2. **Availability:**

The product is disseminated on an event driven basis and updated on an unscheduled basis. The product is made available via various means of dissemination such as: the Internet, U.S. Coast Guard Radio Broadcasts, the NOAA Weather Radio, and the NOAA Weather Wire. Additional information on Marine and Coastal product dissemination is available at: <http://weather.gov/om/marine/home.htm>.

3. **Additional Information:**

A description of Marine and Coastal Services policy, area of responsibility, abbreviations and definitions, standards and guidelines, and means of product dissemination for the CFW product are described in NWS Instruction 10-320, Coastal/Lakeshore Flood Services, available on the Internet at:

http://www.nws.noaa.gov/directives/010/operation_services.htm.